

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Presently Amended) A method for configuring a network access device, said method comprising the steps of:

storing, in a data storage card, configuration settings compatible with the network access device;

loading said configuration settings into the network access device from said data storage card; and

configuring the network access device using said configuration settings

such that network communication is initially established between the network access device and a network operator-~~application service provider~~.

2. (Original) The method of claim 1 further comprising the step of configuring an access multiplexer in communication with the network access device.

3. (Original) The method of claim 2 wherein said access multiplexer comprises a digital subscriber line access multiplexer.

4. (Original) The method of claim 2 further comprising the step of configuring a subscriber management system in communication with said access multiplexer.

5. (Original) The method of claim 1 wherein said step of storing said configuration settings comprises the step of inserting said data storage card into a data storage card writer.

6. (Original) The method of claim 1 wherein said step of loading said configuration settings comprises the step of inserting said data storage card into a data storage card reader in the network access device.

7. (Original) The method of claim 1 wherein said step of loading said configuration settings comprises the step of inserting said data storage card into a data storage card reader in a computer connected to the network access device.
8. (Original) The method of claim 1 wherein said data storage card comprises a memory and an operating system.
9. (Original) The method of claim 8 further comprising the step of installing a private encryption/decryption key in the network access device.
10. (Original) The method of claim 1 wherein said step of storing configuration settings is performed by a member of the group consisting of a network operator and an application service provider.
11. (Presently Amended) The method of claim 1 further comprising the step of providing said data storage card to a subscriber of the network ~~application service provider~~operator.
12. (Original) The method of claim 1 wherein said configuration settings comprises voice and data configuration settings.
13. (Original) The method of claim 1 further comprising the step of setting a network protocol address for the network access device.
14. (Original) The method of claim 1 further comprising the step of setting a permanent virtual circuit for a virtual path identifier/virtual channel identifier pair.
15. (Presently Amended) A system for configuring a network access device suitable for providing a subscriber access to a network operator ~~application service~~, said system comprising:

a data storage card writer in communication with a network ~~application service provider~~operator, such that said network ~~application service provider~~operator can store configuration settings for the subscriber into a data storage card via said data storage card writer; and

a data storage card reader in communication with the network access device, such that said data storage card reader can download said configuration settings into the network access device from said data storage card via said data storage card reader, said configuration settings configuring the network access device to initially establish network communication between the network access device and the network operator.

16. (Original) The system of claim 15 wherein said data storage card comprises a memory and an operating system.

17. (Original) The system of claim 15 further comprising software that downloads said configuration settings from said data storage card into the network access device.

18. (Original) The system of claim 17 wherein said software resides in the network access device.

19. (Original) The system of claim 17 wherein said software resides in a computer in communication with the network access device.

20. (Original) The system of claim 17 wherein said software comprises a diagnostic routine.

21. (Original) The system of claim 16 further comprising software that installs a private encryption/decryption key in the network access device.

22. (Original) The system of claim 15 wherein said configuration settings comprise voice and data configuration settings.

23. (Presently Amended) The system of claim 15 further comprising an access multiplexer for connecting the network access device to an ~~application service provider~~operator network.

24. (Original) The system of claim 23 further comprising a subscriber management system in communication with said access multiplexer, said subscriber management system for maintaining subscriber profiles.

25. (Original) The system of claim 23 wherein said configuration settings comprise configuration information compatible with said access multiplexer.

26. (Original) The system of claim 23 wherein said access multiplexer comprises a digital subscriber line access multiplexer.

27. (Presently Amended) A system for providing a subscriber access to a network operator ~~application service~~, said system comprising:

a network access device;

a data storage card having network ~~application~~ configuration settings loaded therein;

a data storage card reader in communication with said network access device, said data storage card reader for loading said configuration settings from said ~~active~~ data storage card into said network access device, said configuration settings for configuring said network access device to initially establish network communication between said network access device and said network operator.

28. (Original) The system of claim 27 wherein said data storage card comprises a memory and an operating system.

29. (Original) The system of claim 27 further comprising software that controls the loading of said configuration settings into said network access device.
30. (Original) The system of claim 29 wherein said software resides in a computer in communication with said network access device.
31. (Original) The system of claim 29 wherein said software comprises a diagnostic routine.
32. (Original) The system of claim 28 further comprising software that controls the installation of a private encryption/decryption key in said network access device.
33. (Presently Amended) The system of claim 27 further comprising an access multiplexer for connecting said network access device to an ~~application service provider~~operator network.
34. (Original) The system of claim 33 wherein said access multiplexer comprises a digital subscriber line access multiplexer.
35. (Original) The system of claim 27 wherein said configuration settings comprise voice and data configuration settings.
36. (Presently Amended) The system of claim 27 further comprising a data storage card writer in communication with the network ~~application service~~operator, said data storage card writer for storing said configuration settings in said data storage card.
37. (Presently Amended) A system for configuring a network access device suitable for providing a subscriber access to a network ~~application service~~operator, said system comprising:
a data storage card writer in communication with a network ~~application service~~
~~provider~~operator, such that said network ~~application service provider~~operator

can load configuration settings, diagnostic routines, and encryption data for the subscriber into a smart card via said data storage card writer;

a data storage card reader in communication with the network access device, such that said data storage card reader can download said configuration settings into the network access device from said smart card via said data storage card reader; and

a digital subscriber line access multiplexer in communication with said network ~~application service provider~~operator and with said network access device, for providing the subscriber access to the network operator ~~application service~~ via the network access device.

38. (Original) The system of claim 37 further comprising a subscriber management system in communication with said digital subscriber line access multiplexer, said subscriber management system including a database for maintaining subscriber profiles.

39. (Original) The system of claim 37 wherein said configuration settings comprise voice and data configuration settings.

40. (Original) The system of claim 37 wherein said encryption data comprises a subscriber secret key.